

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application No.: 10/653,750  
 Filed: September 3, 2003  
 Inventors: Gerald D. Zuraski, Jr.  
 Brian D. McMinn  
 Michael K. Ciraula

Title: Circular Buffer Using Age  
 Vectors

Examiner: Unknown  
 Art Unit: 2182  
 Atty. Dkt. No: 5500-90500

CERTIFICATE OF MAILING  
 UNDER 37 C.F.R. §1.8

DATE OF DEPOSIT: January 7, 2004

I hereby certify that this correspondence is being deposited with  
 the United States Postal Service with sufficient postage as first  
 class mail on the date indicated above and is addressed to:

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Lawrence J. Merkel

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Please incorporate the document listed on the attached Form PTO-1449 into the  
 electronic Information Disclosure statement previously filed.

Applicant requests consideration of ☒ the references listed on the attached Form PTO-  
 1449 and/or ☒ the additional information identified below in paragraph 3. A copy of each  
 reference listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a  
 continued prosecution application under § 1.53(d);  
☐ within 3 months of the date of entry of the national stage as set forth in §  
 1.491 in an International application;  
☒ before the mailing date of a first Office Action on the merits; or  
☐ before the mailing of a first Office Action after the filing of a request for  
 continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a  
 final Office Action or Notice of Allowance, and thus: ☐ the

certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.

- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.

2. It is hereby certified:

- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.

3. ☒ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

U.S. Patent Application Serial No. 10/653,802 (5500-90600)

4. For each non-English language reference listed on the attached Form PTO-1449:

- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) \_\_\_\_\_, and/or
- ☐ reference is made to the concise explanation set forth below:

5. ☐ Applicant also offers the following comments for the Examiner's consideration:

6. ☐ Also enclosed is a copy of a foreign search report citing these references.

7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5500-90500/LJM.

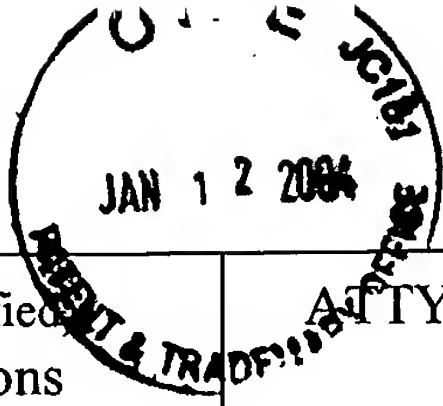
Respectfully submitted,



Lawrence J. Merkel  
Reg. No. 41,191  
Agent for Applicant(s)

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
P.O. Box 398  
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Date: January 7, 2004



<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5500-90500  APPLICANT: Zuraski, Jr., et al.  FILING DATE: September 3, 2003	SERIAL NO. 10/653,750  GROUP: 2182
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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	A1	"Energy-Effective Issue Logic," Folegnani, et al., IEEE, 2001, 5 pages.

EXAMINER: \_\_\_\_\_ DATE CONSIDERED: \_\_\_\_\_

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.